

FY-2006 2007 PROPOSED SCOPE OF WORK for:
Williams Fork Gage Operation and Maintenance

Project #: 8 a

Lead Agency: Colorado Division of Water Resources Water Division 6
Colorado Water Conservation Board

Submitted by: Division of Water Resources
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<u>Category:</u>	<u>Expected Funding Source:</u>
<input type="checkbox"/> Ongoing project	<input type="checkbox"/> Annual funds
<input type="checkbox"/> Ongoing-revised project	<input type="checkbox"/> Capital funds
<input checked="" type="checkbox"/> Requested new project	<input type="checkbox"/> O&M funds
<input type="checkbox"/> Unsolicited proposal	<input checked="" type="checkbox"/> Other (Section 7)

I. Title of Proposal: Williams Fork Gage Operation and Maintenance.

II. Relationship to RIPRAP:

<u>Task #</u>	<u>Task Description</u>
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Yampa River Action Plan

I.A.4a.(1) Steamboat Lake Lease delivery flows

I.A.4a.(3) Elkhead Reservoir Water Delivery Monitoring

III. Study Background/Rationale and Hypotheses:

Over the years, the Recovery Program has identified a need to expand flow gaging in the basin to support development of flow recommendations, quantify sediment movement, and administer water secured for endangered fish. In the case of the gage on Williams Fork Creek, the gage is needed for river account to track releases and delivery of water for endangered fish habitats. The gage will be operated by the Division 6 Engineers and funded by Recovery Program matching Section 7 funds with funds and equipment and other resources provided by from the Division 6 Engineers.

IV. Study Goals, Objectives, End Products:

Provide basic hydrological data on Williams Fork Creek.

Aid in scheduling and tracking releases from Steamboat Lake and Elkhead Reservoir after enlargement. FY 2006 operation will provide data for updating the rating table for the site.

V. End Products:

The Division 6 Engineer will produce and publish a gage record annually. The data will also be uploaded to the Colorado Streamflow Data Retrieval Page at:
http://www.dwr.state.co.us/Hydrology/flow_search.asp

VI. Study Area: Yampa River Williams Fork Creek

VII. Study Methods/Approach:

The Recovery Program will work with cooperators, the Colorado Division of Water Resources and the Colorado Water Conservation Board to contract for the operation of a gage on Williams Fork Creek.

VIII. Task Description and Schedule:

The Division 6 Engineer will reoccupy and reinstall a water measurement gage at a former USGS gage site on Williams fork Creek. The Division 6 Engineer will install gaging equipment which is currently in inventory in his office and this equipment will be considered the Division Engineer's contribution to the reestablishment of the gage. The gage will be installed in the spring or summer of 2005 and operated by the Division 6 Engineer until October 1, 2005 for the purpose of updating the gage rating table.

IX. Study Schedule: The gage will be operated from October 1, 2005 through September 31, 2006 and annually for this period thereafter depending on the availability of funds.

X. FY- 2006 Budget: \$ 6,800

TASK	COST
Direct Labor	\$
Operation & Maintenance	
Development of Rating Table	
Development of the Gage Record	
Equipment Replacement	
Supplies	
Travel	
Total	\$6,800

XI. FY- 2007 Budget: \$7,000

XII. Budget Summary:

FY- 2006	\$ 6,800
FY- 2007	\$ 7,000 FWS/NFWF Section 7 funds.

